

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



## Situation Awareness Brief



Wednesday, April 24<sup>th</sup> 2019  
As of 0900 CST

# Incidents Reported to the State Operations Center (last 24 hours)

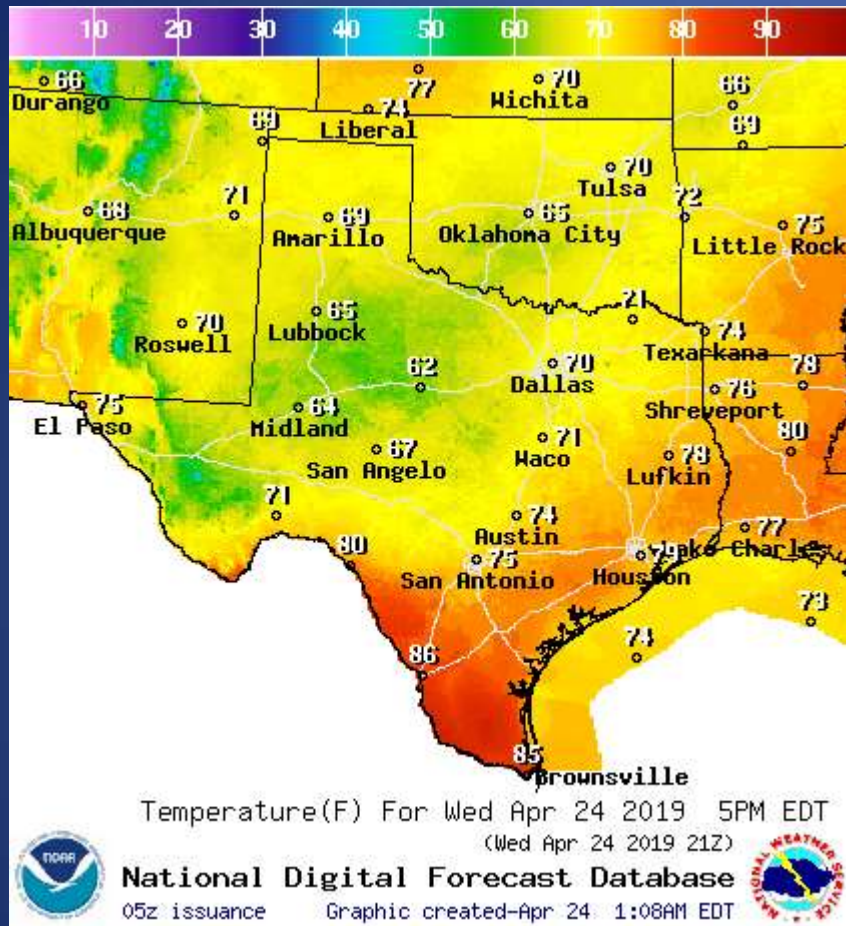
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
04/23/19	Initial Report of a Road Closure (US90)	Bexar County	N
04/23/19	Preliminary Earthquake Report: 2019-04-23 11:29:03 (M2.2) Southern Texas	DeWitt County	Y
04/24/19	Initial Report of a HAZMAT Spill (Ethanol:172,500 Gal) Resulting in a Fire and Residential Evacuation	Tarrant County	N

# Informational Products

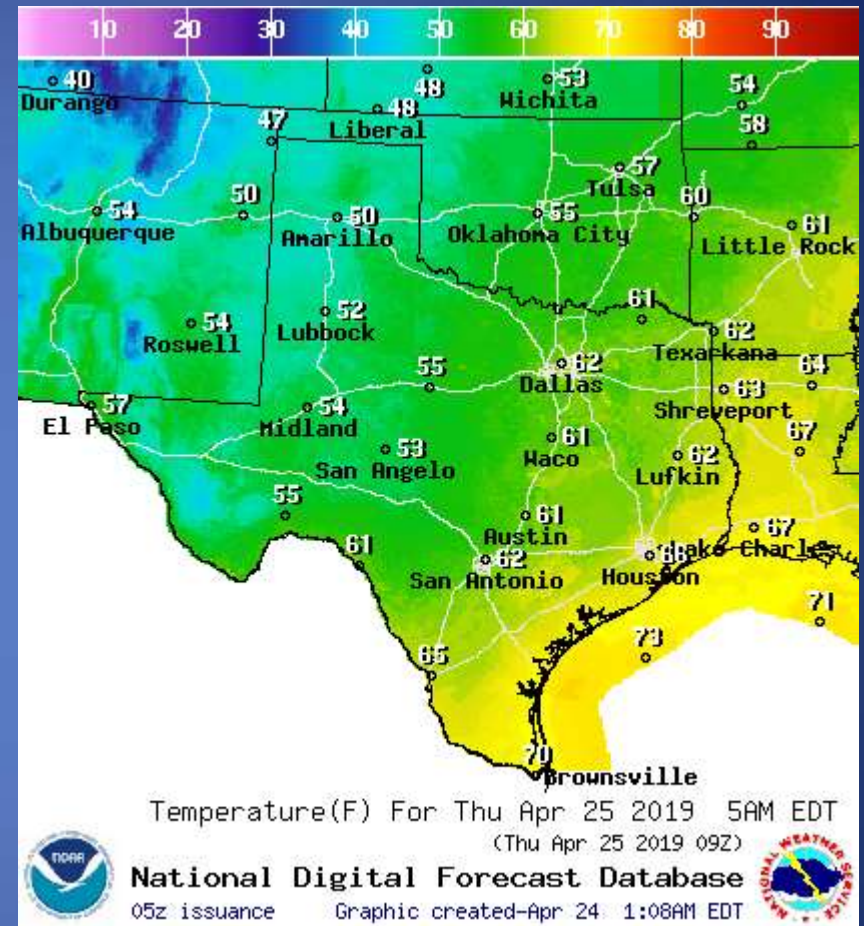
## Distributed by the State Operations Center

DATE	SUBJECT
04/23/19	NWS Fort Worth UPDATE: Storms and Heavy Rain Today Through Wednesday Night
04/23/19	West Gulf River Forecast Center Heavy Rainfall Update
04/23/19	NWS Lake Charles- Weather Update: 1230 pm Tue
04/23/19	NWS Houston/Galveston- Severe Weather Outlook
04/23/19	NWS Austin/ San Antonio- Tuesday Afternoon Update - Heavy Rainfall, Flash Flooding, and Severe Weather Possible tonight through Wednesday Night
04/23/19	NWS Shreveport- Severe Weather Threat for Wednesday Afternoon into Thursday Morning
04/23/19	NWS Brownsville: Weather Update: Increasing Threat for Isolated Strong to Severe Thunderstorms late Wednesday for Western and Northern Deep South Texas
04/24/19	NWS Shreveport: Severe Weather Possible Tonight
04/24/19	NWS Austin/San Antonio: Wednesday Morning Update: Locally Heavy Rainfall and Severe Potential Today and Tonight
04/24/19	Daily NWS Threat Brief for Wednesday, April 24, 2019 for FEMA Region 6

# Weather Forecast



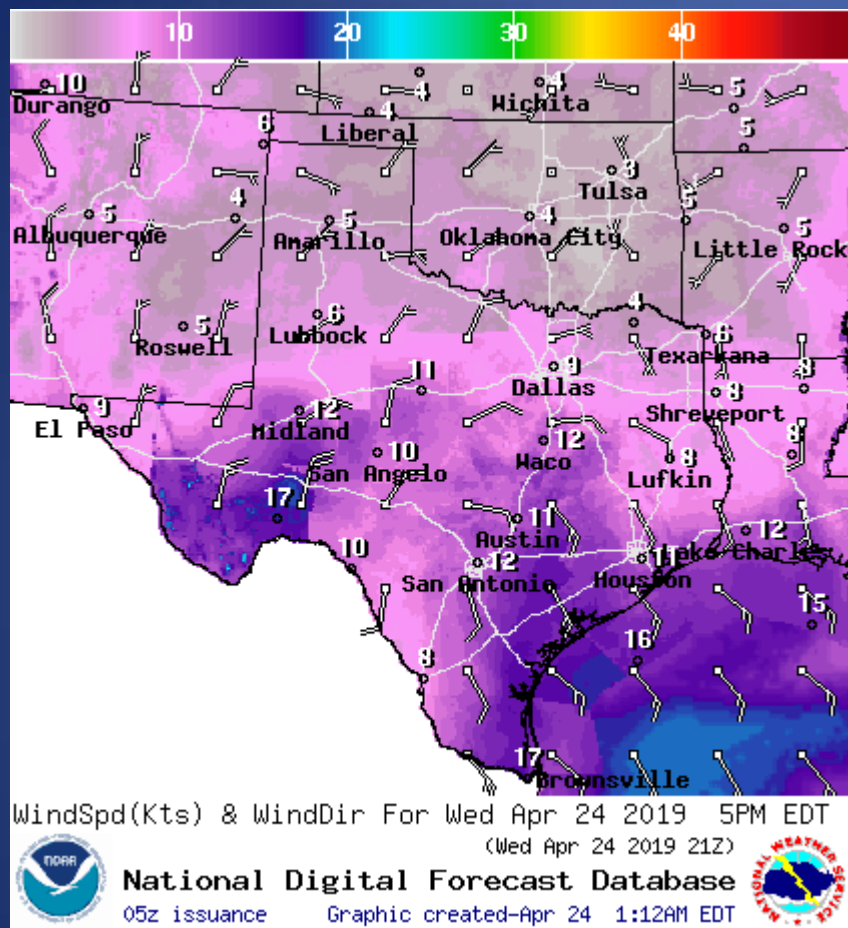
Highs



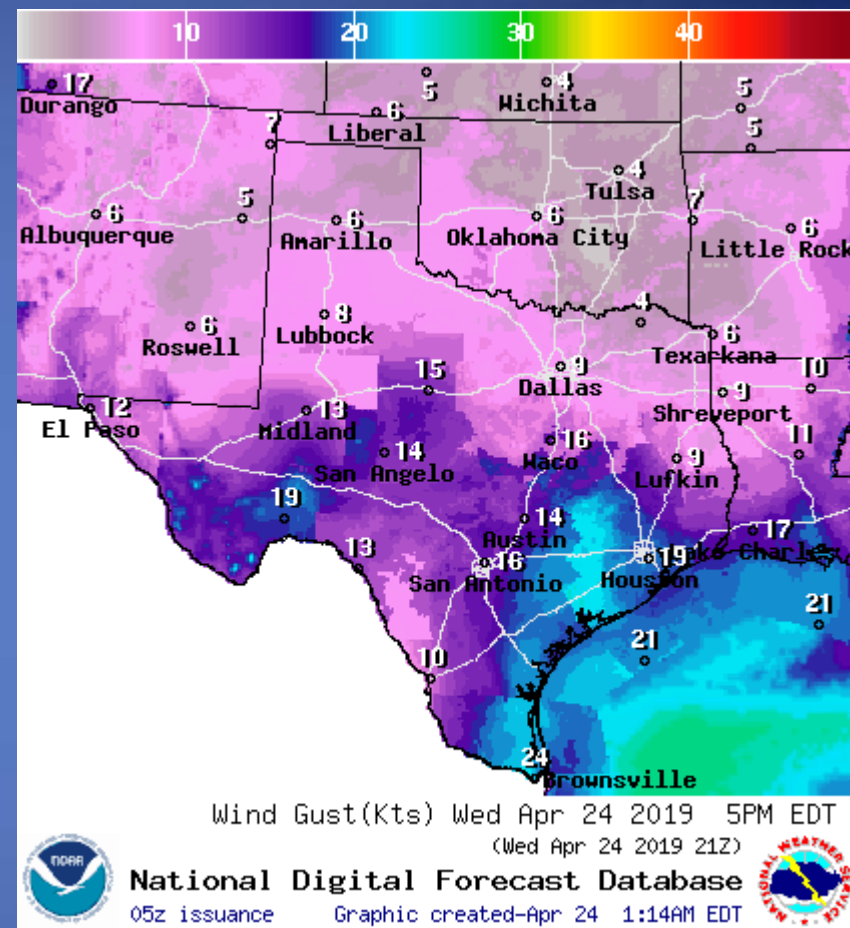
Lows



# Weather Forecast



## Wind Speeds



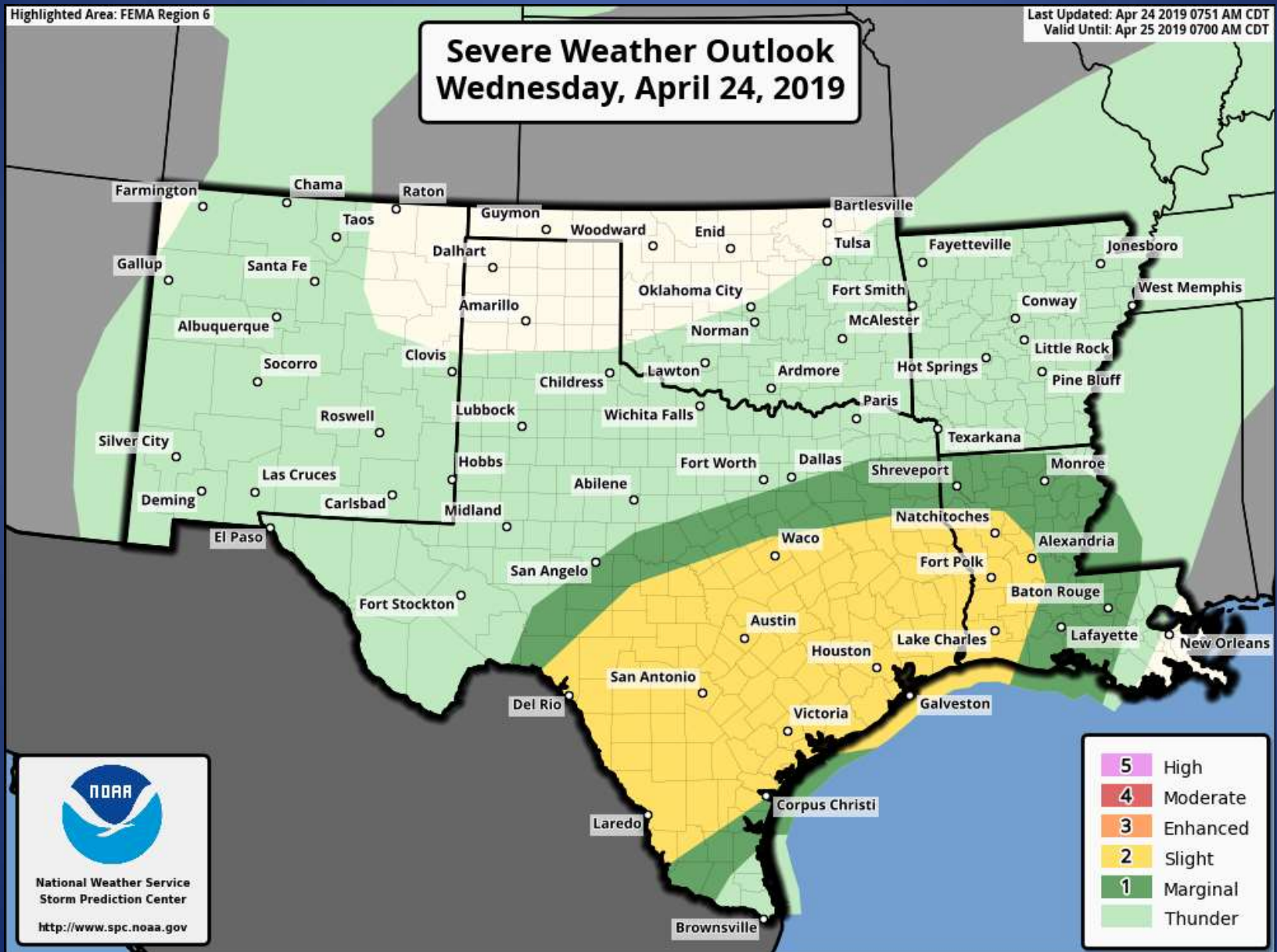
## Gusts

# Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Apr 24 2019 0751 AM CDT  
Valid Until: Apr 25 2019 0700 AM CDT

## Severe Weather Outlook Wednesday, April 24, 2019





# Hazardous Weather

## Severe Storms Possible this Evening and Tonight

Hail, Damaging Winds, Isolated Tornadoes

Weather Forecast Office  
Shreveport, LA  
Issued Apr 24, 2019 3:40 AM CDT



A line of potentially severe storms will move across the area after from the west tonight. Large hail, damaging winds, and isolated tornadoes are the primary threats. Additionally, locally heavy rainfall can be expected with some storms.

## Overnight Lows / Storm Chances

Warm and mostly cloudy with clearing between 1pm - 7pm.

Weather Forecast Office  
Lake Charles, LA  
Issued Apr 24, 2019 5:23 AM CDT



Overnight storms will move in to the entire forecast area from the west mainly after midnight. These storms will potentially produce a large amount of rainfall. With flash flooding being possible, please be precautions. Turn around, don't drown.

# Hazardous Weather

## Severe Weather Threat Timing

Wednesday through Wednesday Night

Area 1 - Severe weather threat timing from 11AM to 8PM Wednesday. Hazards are mainly hail and wind but a brief tornado may be possible. Heavy rainfall may also be possible as several storms could move over the same area.

Area 2 - Severe weather timing generally 7PM Wednesday until 4AM Thursday as a squall line of storms moves into the area with a threat for wind and hail. Storms may produce some brief heavy rainfall but these storms should be moving through the area quickly.

Timing could very well change depending upon how storms evolve but this gives an general idea of what to expect given the forecast data we have now.



@NWSHouston

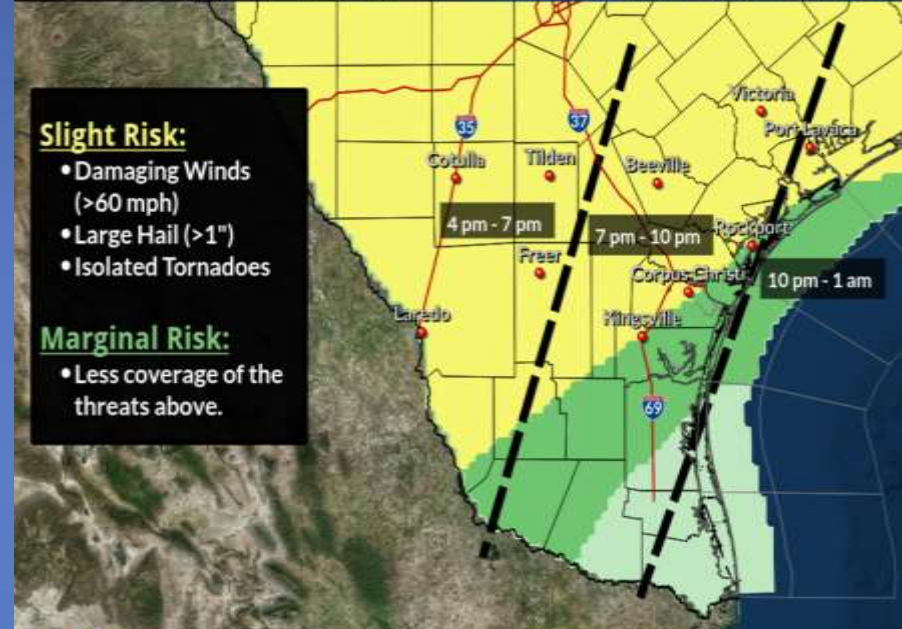
weather.gov/hgx

General timing of when to expect severe storms Wednesday. We are keeping an eye on a storm system headed into SE TX late Wednesday into early Thursday. Make sure you have multiple ways to get warnings.

## Today's Severe Weather Outlook

Timing: This Afternoon into the Evening Hours

Weather Forecast Office  
Corpus Christi, TX  
Issued Apr 24, 2019 5:48 AM CDT



NWSCorpus

weather.gov/crp

Thunderstorms will develop across the Brush Country this afternoon as a cold front approaches the region. The storms are expected to congeal into a line as they move east towards the coast. Our primary threats will be damaging wind and large hail. However, a few tornadoes are also possible. Make sure you have multiple ways to receive warnings today/tonight!

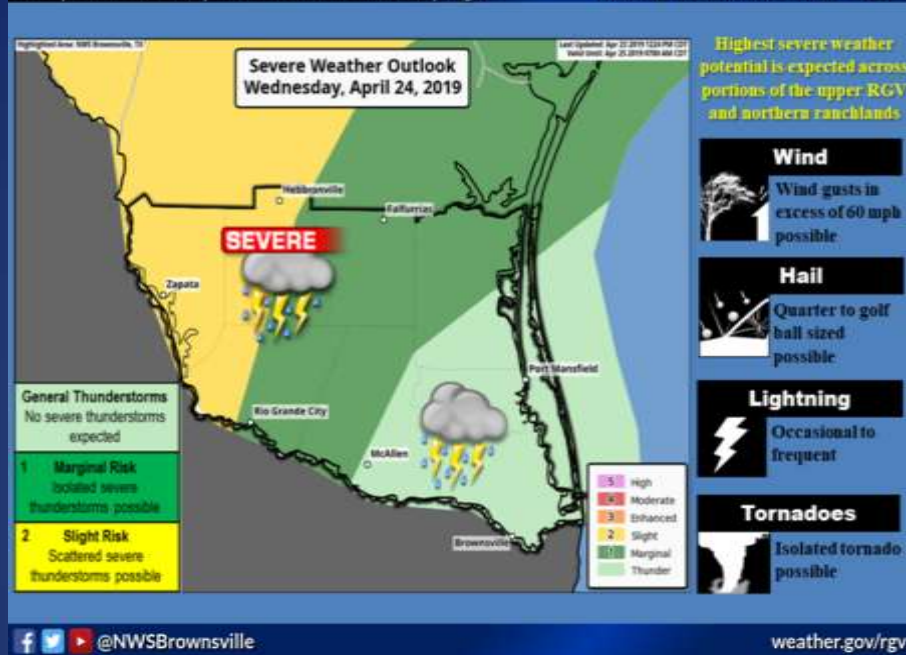


# Hazardous Weather

## Severe Weather Outlook: Wednesday

Mainly Late Wednesday Afternoon into Wednesday Night

Weather Forecast Office  
Brownsville/RGV, TX  
Issued Apr 23, 2019 4:41 PM CDT



Isolated to scattered severe thunderstorms will be possible from late Wednesday afternoon into Wednesday night, mainly for portions of the upper Rio Grande Valley and the northern ranchlands. Possible hazards include damaging winds at or in excess of 60 mph, large hail of quarter to golf ball size, occasional to frequent lightning, and perhaps an isolated tornado.

## Slight Chance of Thunderstorms Today

Breezy Near the Coast | Best Chance of Severe Weather WNW Ranchlands

Weather Forecast Office  
Brownsville/RGV, TX  
Issued Apr 24, 2019 5:15 AM CDT



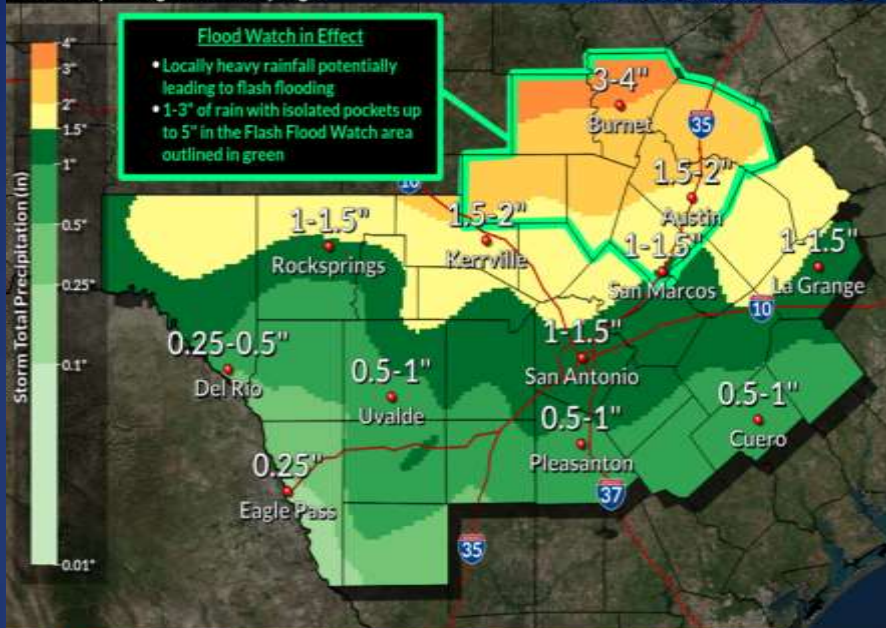
Today we have a slight chance of thunderstorms across Deep South Texas and the Rio Grande Valley, with a slight chance of severe storms in the northwestern ranchlands. These storms are expected to form as an upper-level low pressure system moves across Texas later today and drags a cold front through our area late tonight. High temperatures will reach the upper 80s in most locations today (upper 70s on the coast, and near 90 out west), and breezy conditions are expected east of US-281. Small craft should exercise caution on the bay and coastal gulf waters today.

# Hazardous Weather

## Rainfall Forecast

Wednesday through Wednesday Night

Weather Forecast Office  
Austin/San Antonio, TX  
Issued Apr 24, 2019 4:02 AM CDT



NWSSanAntonio

weather.gov/ewx

A slow-moving cold front combined with an approaching upper level storm system will result in periods of showers and thunderstorms today and tonight across much of South Central Texas. Repeated rounds of heavy rain are expected across the eastern Hill Country and Austin metro area, where rainfall amounts of 1 to 3 inches are forecast and isolated higher amounts up to 5 inches. A Flash Flood Watch is in effect for this region. These isolated higher amounts of rainfall may produce localized flash flooding. Particular areas of concern are smaller creeks and streams that respond faster to heavy rain and low-water crossings. Outside of the watch area, generally 1/2 to 2 inches of rainfall is forecast.

## Slight Risk of Severe Storms Today & Tonight

Weather Forecast Office  
Austin/San Antonio  
Issued April 24, 2019 3:56 AM CT



NWSSanAntonio

weather.gov/ewx

Numerous to widespread showers and thunderstorms are expected today. There is a slight risk some storms could become severe, with damaging wind gusts and hail the primary threat. Isolated tornadoes can not be ruled out. The greatest threat for severe storms will occur in the morning and afternoon across the Rio Grande and Hill Country, this afternoon and evening across the I-35 corridor, and this evening and overnight across the Coastal Prairies. In addition, pockets of locally heavy rainfall are possible, leading to localized flash flooding.

### What:

- Slight risk of severe storms
- Damaging wind gusts and hail are primary threats
- Isolated tornadoes possible

### Where:

- Greatest risk in yellow shaded area

### When:

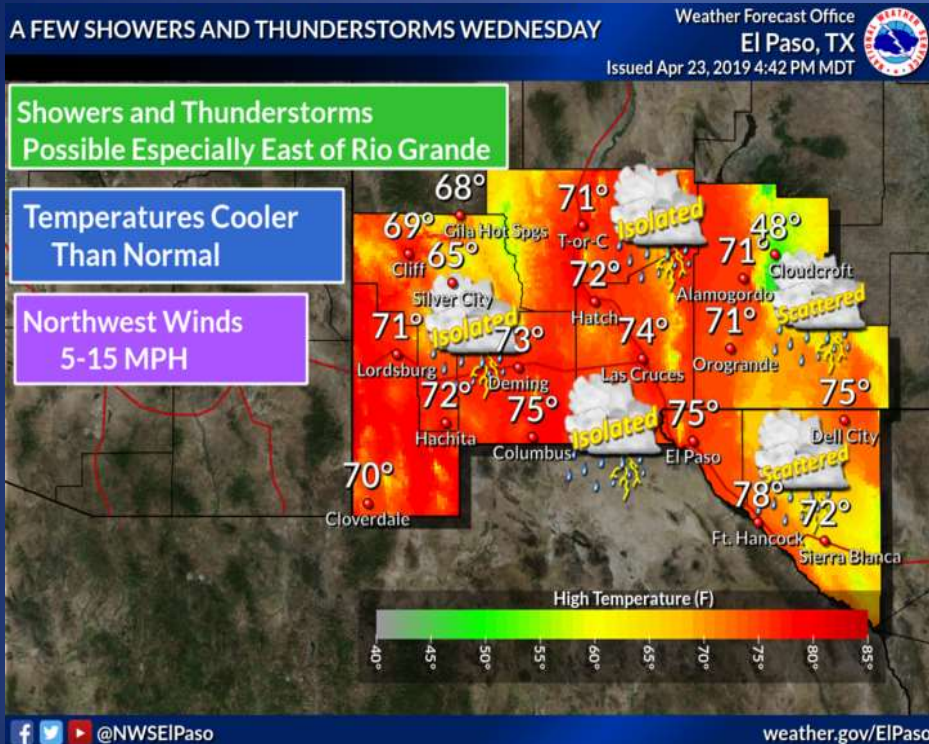
- Rio Grande: Morning – Afternoon
- Hill Country: Morning – Afternoon
- I-35 Corridor: Afternoon – Evening
- Coastal Prairies: Eve - Overnight

### Threat Impact Levels:

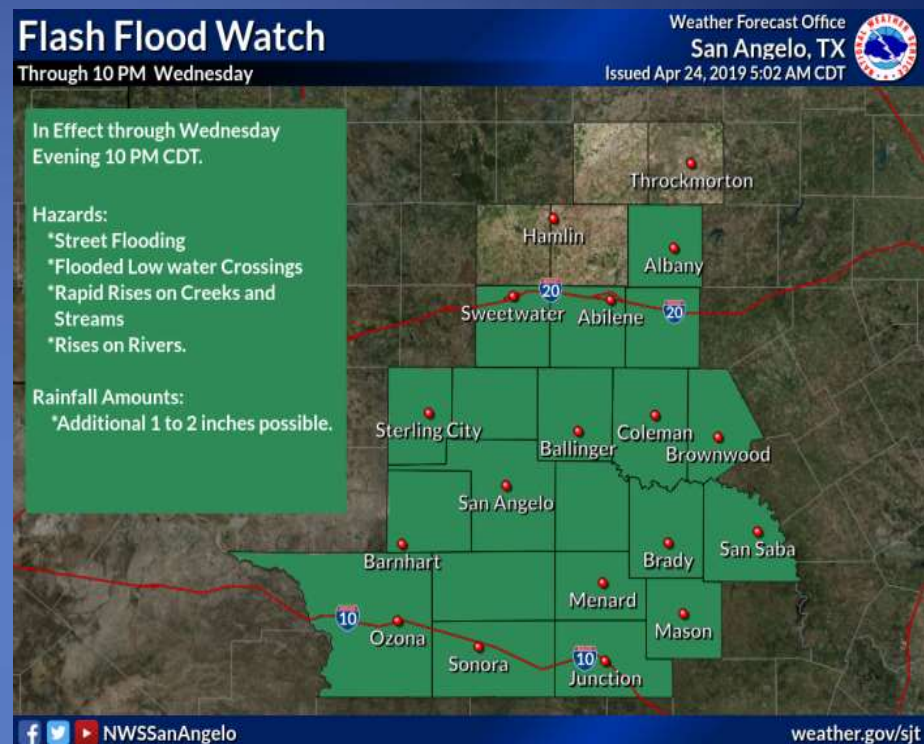




# Hazardous Weather



An upper level trough will move across the region causing a few showers and thunderstorms with most storms occurring east of the Rio Grande. Temperatures will be cooler than normal under partly sunny skies.



Showers and thunderstorms are expected again today as an upper level storm system affects the region. Street flooding and flooding of arroyos, small creeks and low water crossings are possible in the Flash Flood Watch area. Rises on streams are also possible.



# Hazardous Weather

## A Stormy Wednesday

Heavy rainfall and severe thunderstorms possible

Weather Forecast Office  
Fort Worth, TX  
Issued Apr 24, 2019 6:06 AM CDT



### What To Expect

- Numerous thunderstorms today
- Best severe potential south of I-20 in the afternoon
- Primary hazards:
  - Heavy rainfall
  - Large hail
  - Damaging wind

• Isolated tornadoes possible  
south of Athens to Waco to Lampasas



Daytime highs in white

f t NWSFort Worth

weather.gov/fortworth

A stormy day is on tap for North and Central Texas with numerous showers and thunderstorms. Some strong to severe storms with heavy rainfall will be possible, especially south of the I-20 corridor. The primary hazards will be flooding, large hail and damaging winds. An isolated tornado is also possible, mainly this afternoon south of a line from Athens to Waco to Lampasas.

## FLASH FLOOD WATCH

In effect through this evening

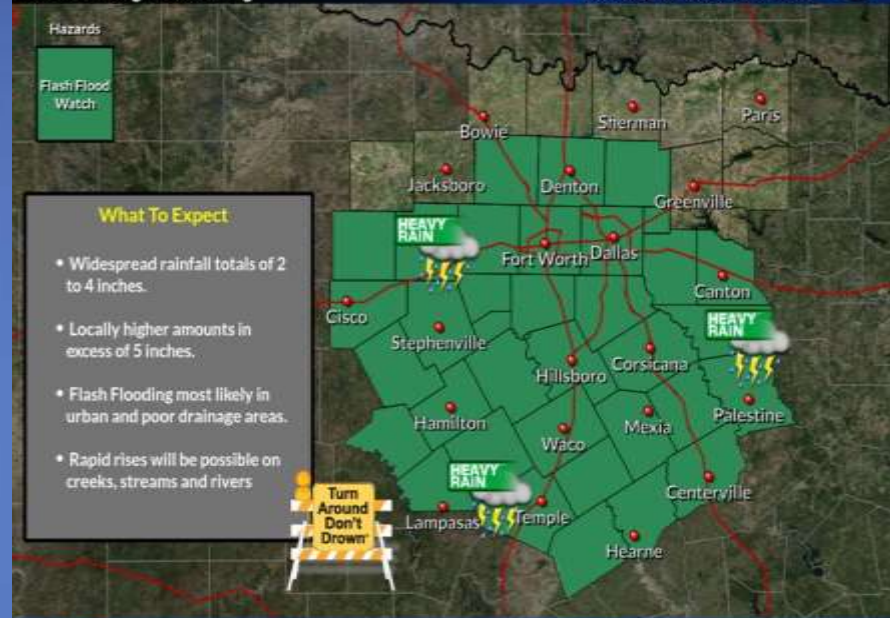
Weather Forecast Office  
Fort Worth, TX  
Issued Apr 24, 2019 5:14 AM CDT



Hazards  
Flash Flood Watch

### What To Expect

- Widespread rainfall totals of 2 to 4 inches.
- Locally higher amounts in excess of 5 inches.
- Flash Flooding most likely in urban and poor drainage areas.
- Rapid rises will be possible on creeks, streams and rivers



f t NWSFort Worth

weather.gov/fortworth

A Flash Flood Watch has been issued for much of North and Central Texas, including the Dallas/Fort Worth Metropolitan Area, Waco, and Killeen through this evening. Widespread rainfall totals of two to four inches can be expected across the watch area, with locally higher amounts in excess of five inches of rain. Flash flooding may occur in urban and poor drainage areas. Remember, if water covers the road, turn around, don't drown!

# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/23/19	Severe Thunderstorm Warning	Borden, Brewster, Callahan, Coke, Coleman, Crane, Culberson, Dawson, Eastland, Fisher, Glasscock, Howard, Hudspeth, Jeff Davis, Jones, Martin, Midland, Mitchell, Nolan, Pecos, Reeves, Runnels, Shackelford, Stephens, Sterling, Taylor, Throckmorton, Upton, Ward and Young Counties
04/23/19	Flood Warning	Cowleech Fork Sabine River At Greenville affecting Hunt County; East Fork Trinity River Near Carrollton affecting Dallas County; East Fork Trinity River At McKinney affecting Collin County; South Fork Sabine River Near Quinlan affecting Hunt and Rockwall Counties; South Sulphur River Near Cooper affecting Delta and Hopkins Counties; Trinity River At Dallas affecting Dallas County; Trinity River At Trinidad affecting Henderson and Navarro Counties
04/23/19	Flood Advisory	Martin, Midland and Wichita Counties
04/23/19	Urban and Small Stream Flood Advisory	Taylor County
04/23/19	Small Stream Flood Advisory	Callahan, Howard and Martin Counties
04/23/19	Flash Flood Warning	Midland County

# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/23/19	Arroyo and Small Stream Flood Advisory	Ector County
04/24/19	Severe Thunderstorm Warning	Brown, Coleman, Comanche, Coryell, Crockett, Hamilton, Irion and Mills Counties
04/24/19	Flood Advisory	Bell, Comanche, Coryell and Erath Counties
04/24/19	Flash Flood Warning	Brown, Coleman, Collin, Dallas and Denton Counties
04/24/19	Flood Warning	Rowlett Creek Near Sachse affecting Dallas County; White Rock Creek At Greenville Avenue affecting Dallas County; Elm Fork Trinity River Near Carrollton Affecting Dallas County
04/24/19	Flood Warning Continues	White Rock Creek At Greenville Avenue affecting Dallas County
04/24/19	Severe Thunderstorm Warning Remains in Effect	Reagan County
04/24/19	Flash Flood Warning Remains in Effect	Brown and Coleman Counties
04/24/19	Urban and Small Stream Flood Advisory	Tom Green County



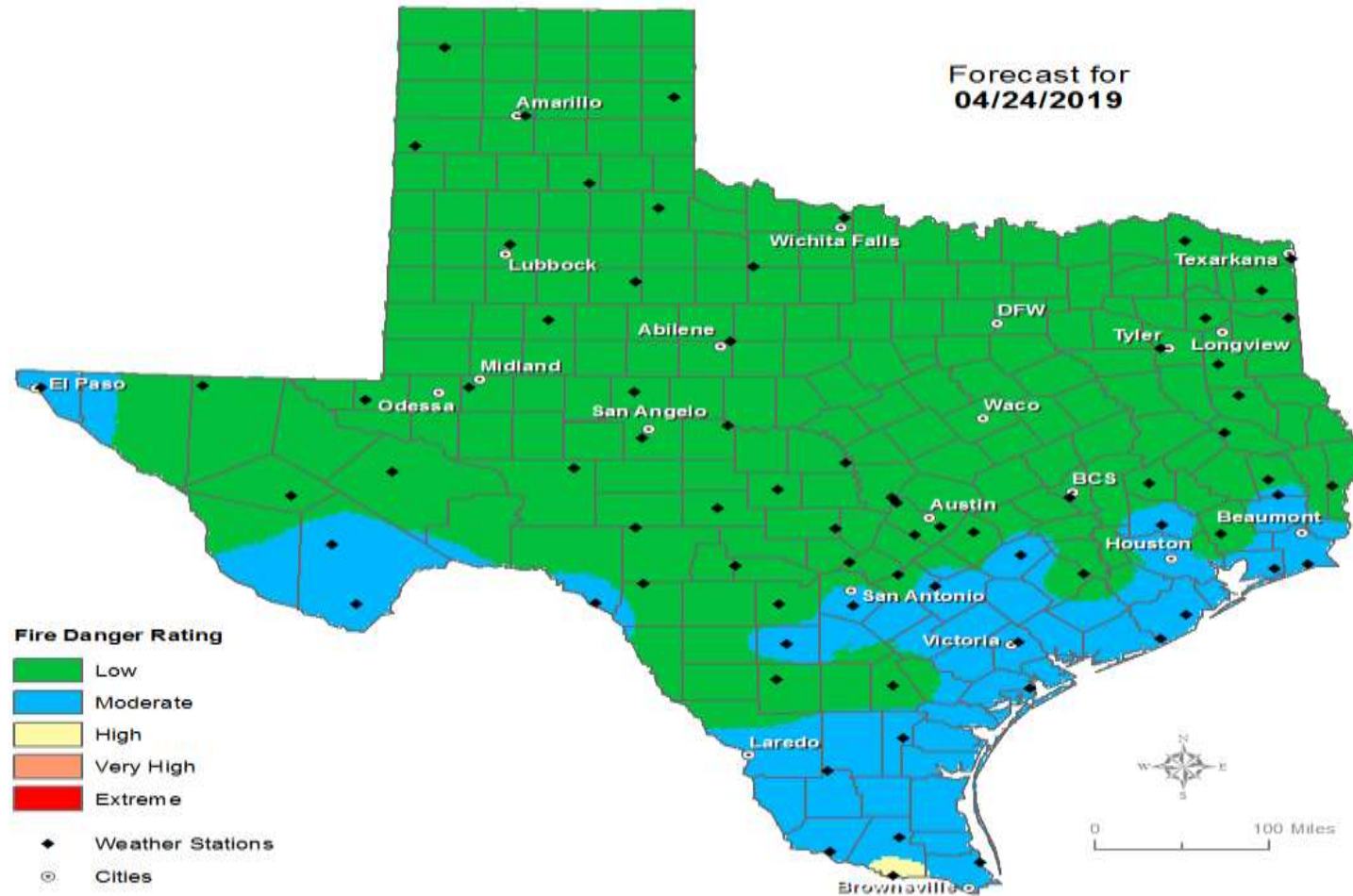
# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/24/19	Flood Advisory for Rapid Creek Rises and Stream Rises	Comanche and Erath Counties

# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
04/24/2019



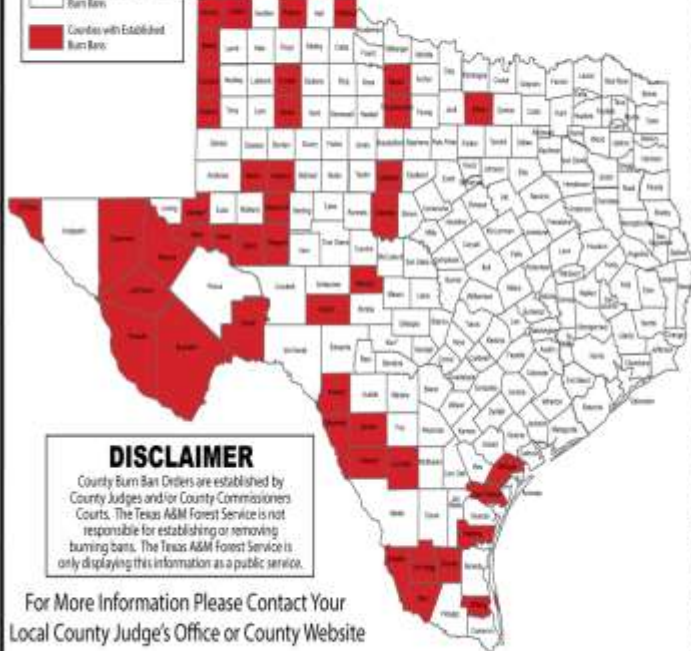
# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

April 23, 2019



Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)



### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
Burn Ban RSS feed available at <http://tfsrtp.tamu.edu/wildfires/BurnBan.xml>

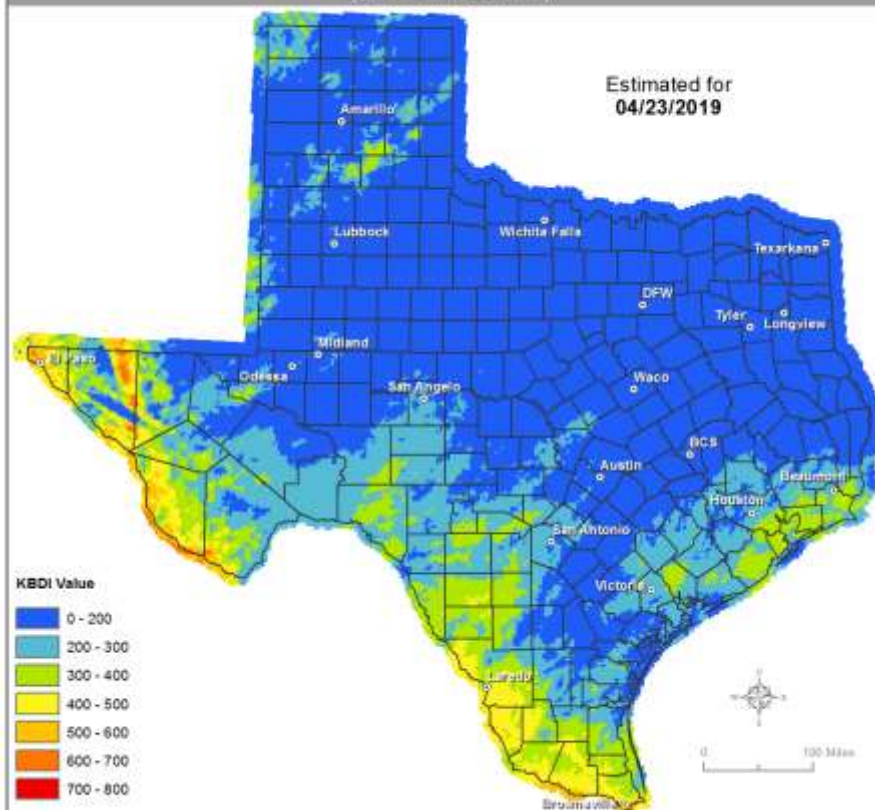
### Counties with Burn Bans: 51

Armstrong Ziehl  
Bailey  
Baylor\*  
Beckwith  
Briscoe  
Brooks  
Callahan  
Castro  
Childress  
Cochran  
Coleman  
Cone  
Crosby  
Cullbertson  
Dallam  
Dawson  
El Paso  
Garza  
Glasscock  
Howard  
Jeff Davis  
Jim Hogg  
Kinney  
Kleberg  
La Salle  
Lipscomb  
Martin  
Maverick  
Menard  
Ochiltree  
Parker  
Pottaw  
Presidio  
Randall  
Reagan  
Reeves  
Refugio  
San Patricio  
Sherman  
Starr  
Sutton  
Tarrant  
Throckmorton  
Upton  
Ward  
Wiley  
Winkler\*  
Wise\*  
Yoakum  
Zapala

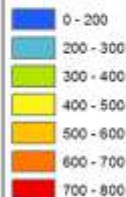
## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
04/23/2019



### KBDI Value



TEXAS A&M  
AGRI LIFE  
RESEARCH

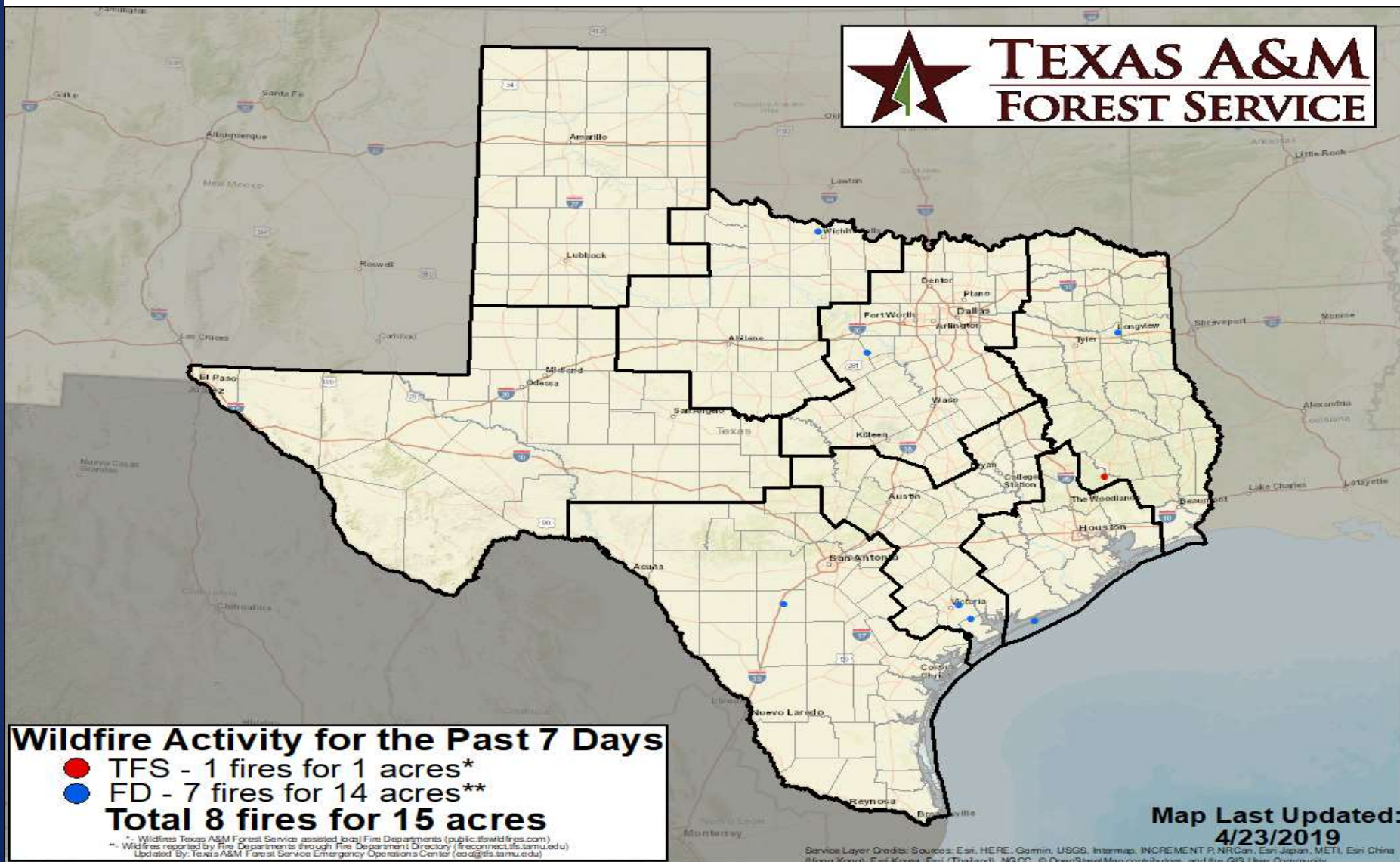
Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE



# Fire Activity (\*Last 24 Hours)

Reports 76 (+1) fires and 17,710 (no change) acres destroyed this year. There are 51 (+1) counties with burn bans. The Keetch–Byram Drought Index list 5 (+1) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
03/06/19	05/01/19	Community Emergency Response Team (CERT) Course	G-317	Austin
04/22/19	04/24/19	Intermediate Incident Command System for Expanding Incidents	G-300	Corpus Christi
04/23/19	04/24/19	Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events	PER-211	Pasadena
04/23/19	04/24/19	Advanced Incident Command System, Command and General Staff	G-400	Humble
04/23/19	04/25/19	Law Enforcement Active Shooter Emergency Response (LASER)	PER-275	Fort Worth
04/23/19	04/25/19	Intermediate Incident Command System for Expanding Incidents	G-300	Texas City
04/24/19	04/24/19	Disaster Accounting 101 (Module 1)	T-600.a	Rowlett
04/24/19	04/25/19	Local Mitigation Planning Workshop	G-318	San Marcos

# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
04/22/19	04/25/19	U.S. Coast Guard/Houston	Tabletop : Sector Houston-Galveston, Severe Weather TTX 2019
04/24/19	04/29/19	FEMA/Department of Energy/Amarillo, Various Counties	Full-Scale: Nuclear Weapon Accident/Incident Exercise 2019 – Pantex
04/24/19	04/24/19	El Paso Office of Emergency Management/El Paso	VTTX: Earthquake – FEMA
04/25/19	04/25/19	El Paso Office of Emergency Management/El Paso	Functional: TTUSHC El Paso Resident Disaster Drill



# Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/08/19	05/27/19	Austin	86 <sup>th</sup> Texas Legislature
04/18/19	04/28/19	San Antonio	San Antonio Fiesta
04/22/19	04/28/19	Houston	Houston Astros MLB Home Game